

SYSTEM AND METHOD FOR RELIABLE ACKNOWLEDGMENT  
BETWEEN A MOBILE STATION AND A BASE  
STATION IN A WIRELESS NETWORK

5 ABSTRACT OF THE DISCLOSURE

10 For use in a wireless communication network, an apparatus for  
15 sending and receiving an acknowledgment message. The apparatus  
20 comprises: 1) a channel controller capable of assigning a common  
25 control channel to a mobile station wherein the channel controller  
30 is capable of dedicating the common control channel to the mobile  
35 station for a predetermined period of time; and 2) a transceiver  
40 coupled to the channel controller capable of transmitting and  
45 receiving the acknowledgment message on the common control channel.